

**Management Environment**  
**FIG. 1**

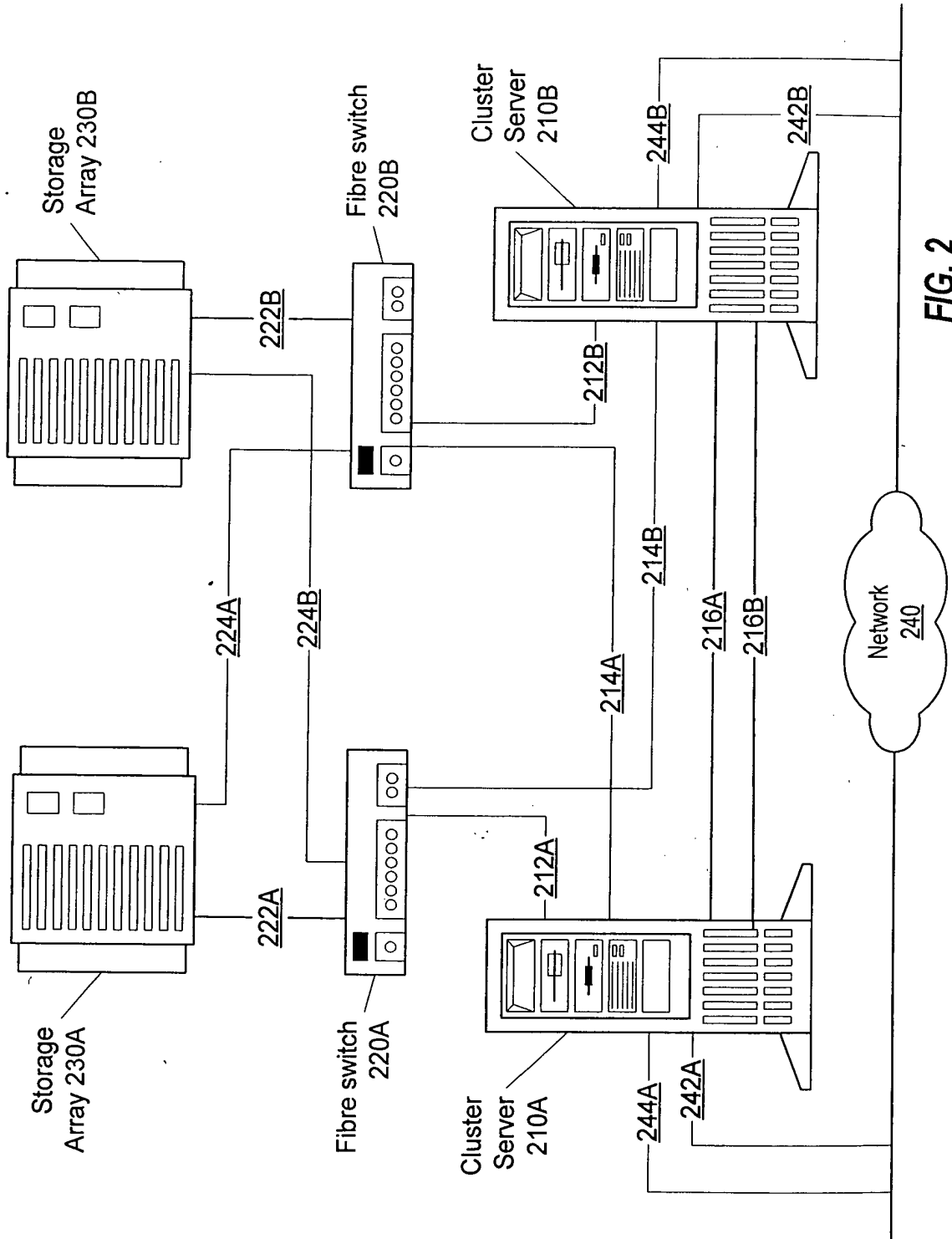
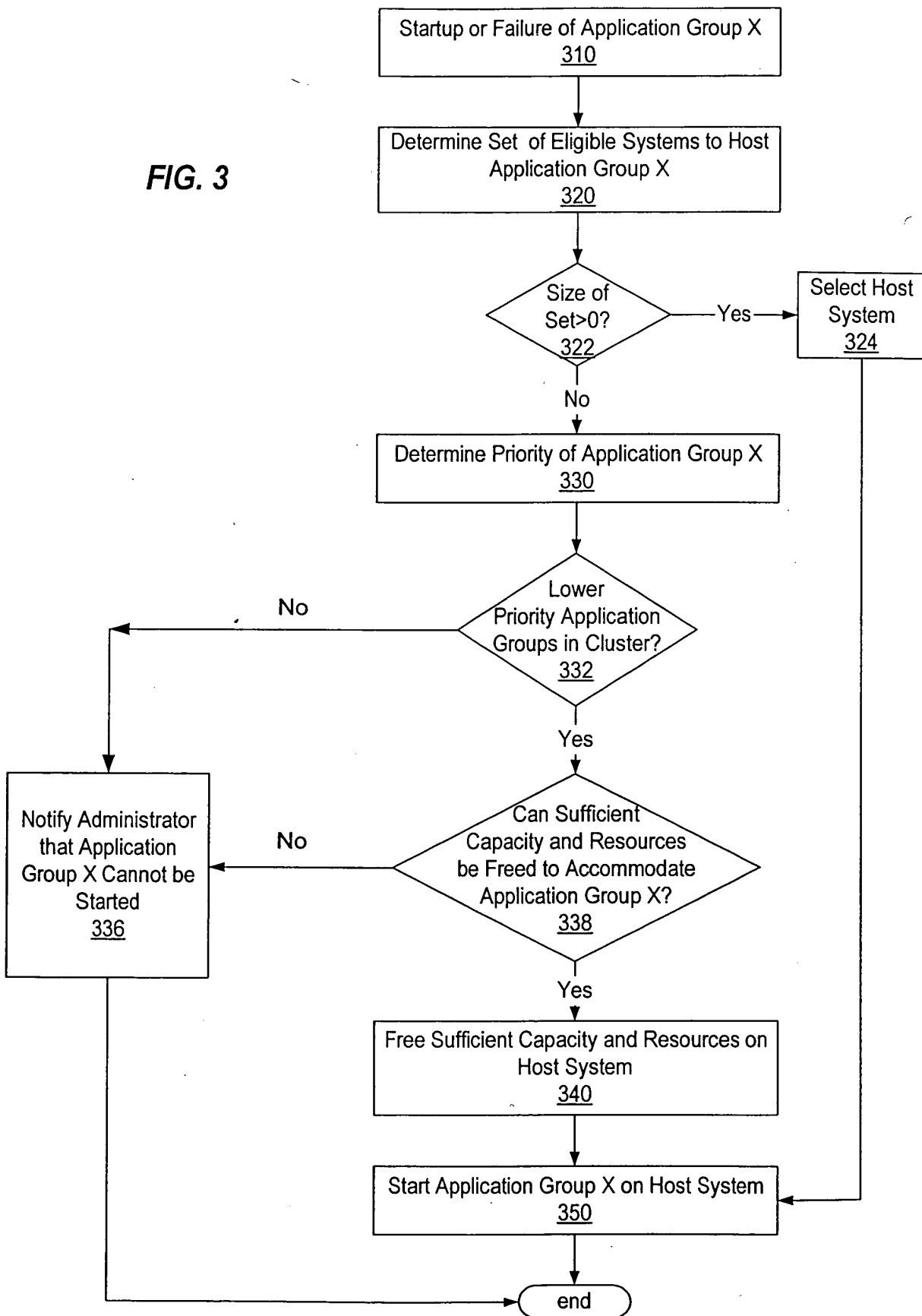
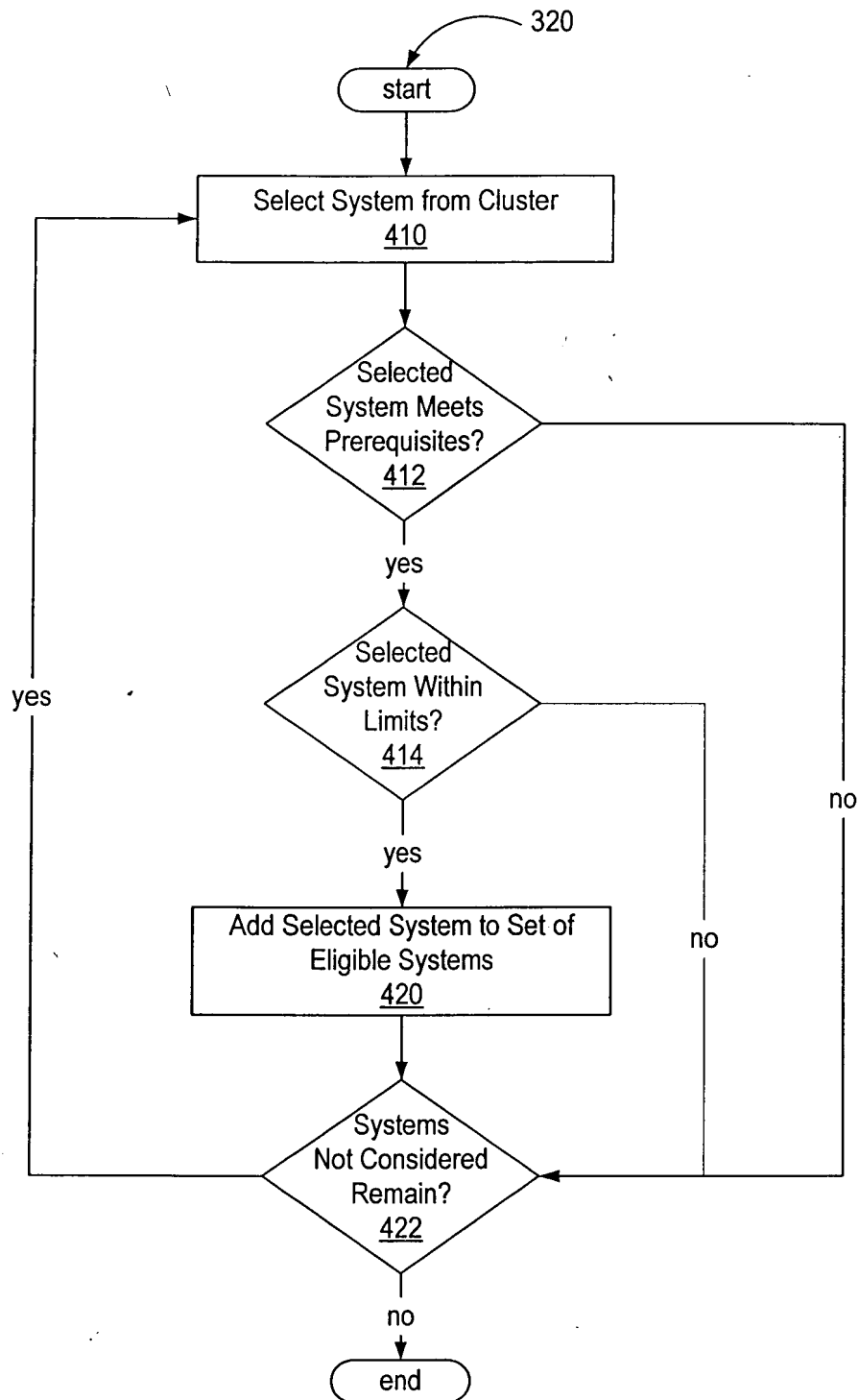


FIG. 3



### Determine Set of Eligible Systems to Host Application Group X



**FIG. 4**

# Can Sufficient Capacity and Resources be Freed to Accommodate Application Group X?

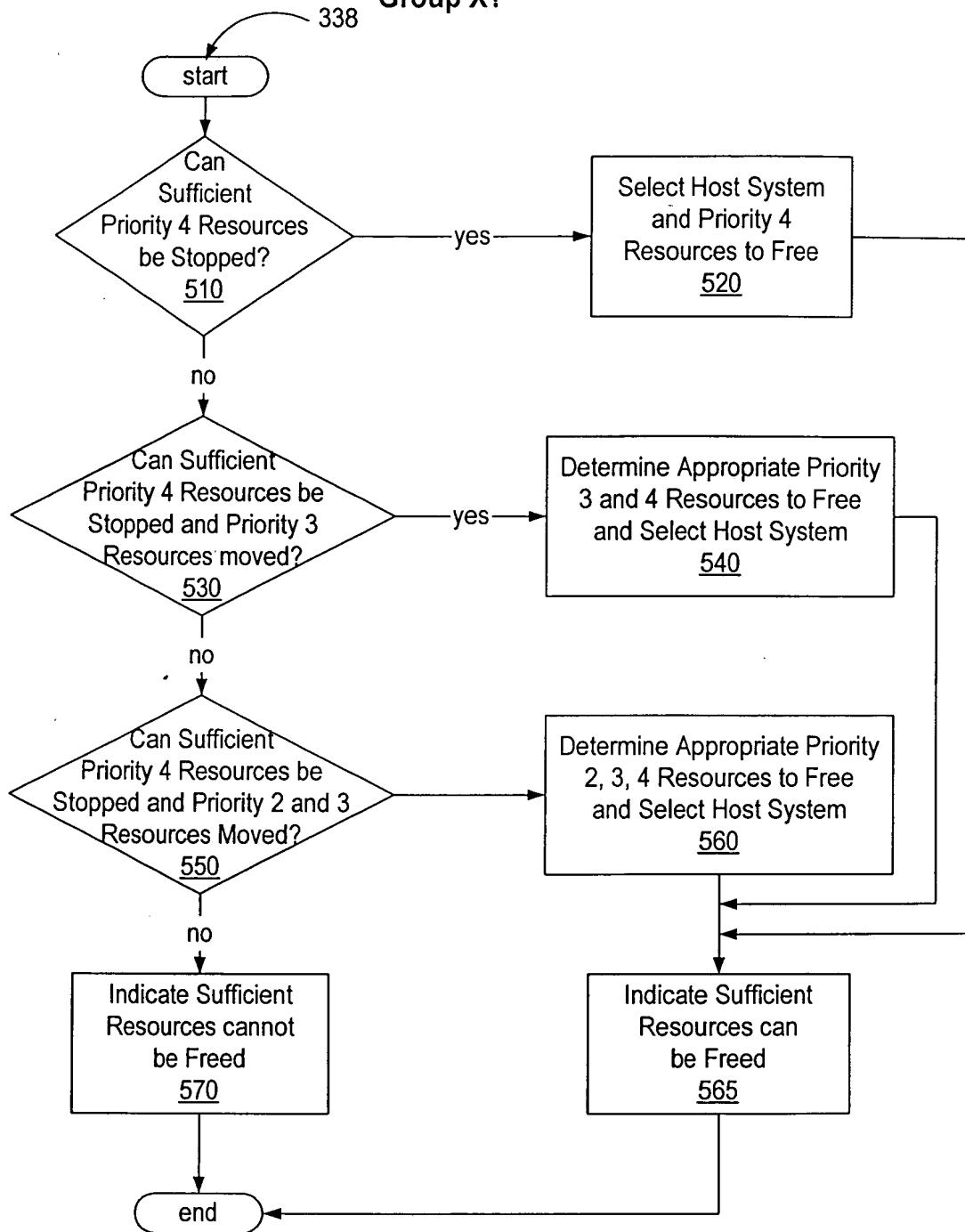


FIG. 5

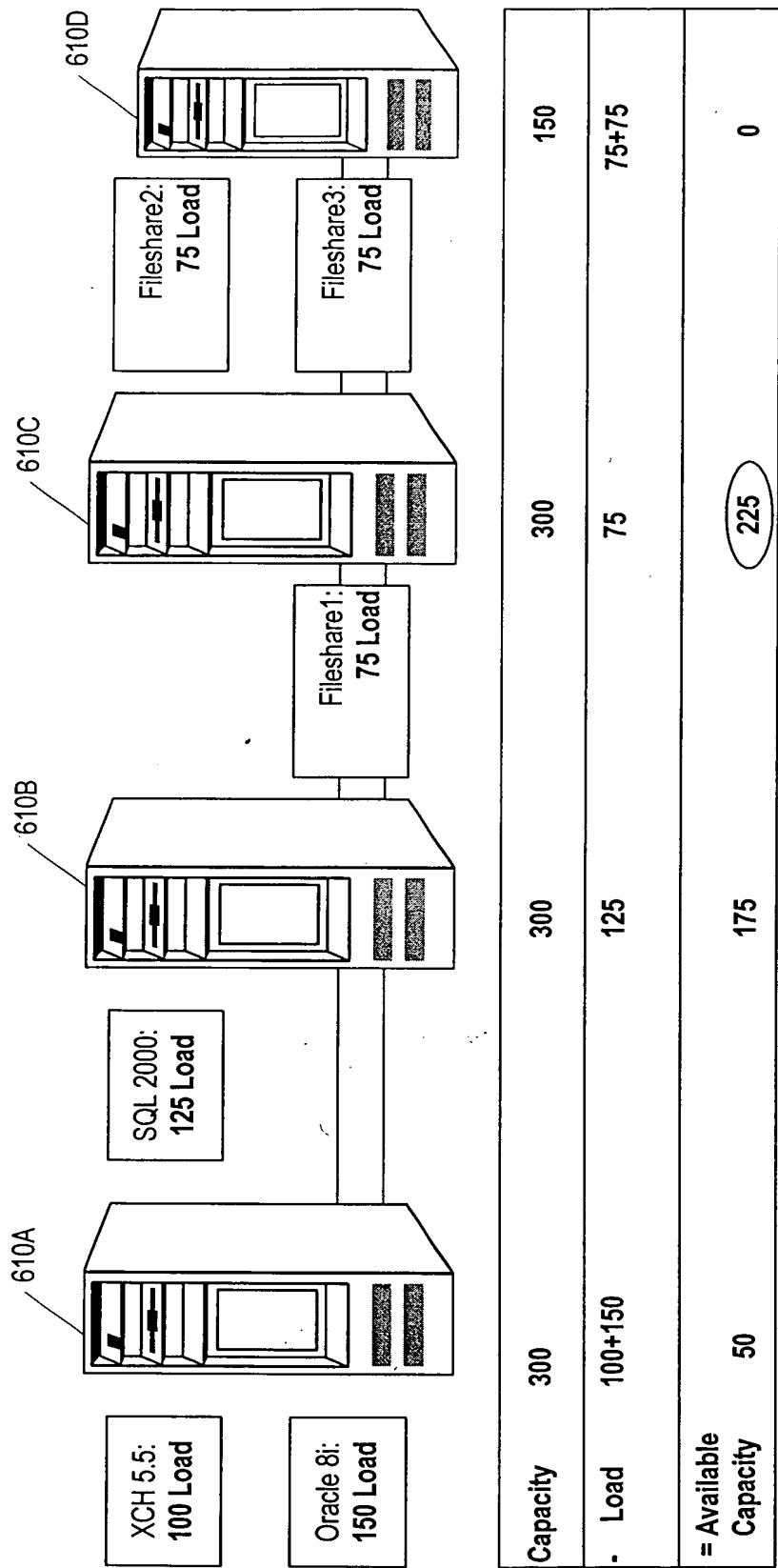


FIG. 6

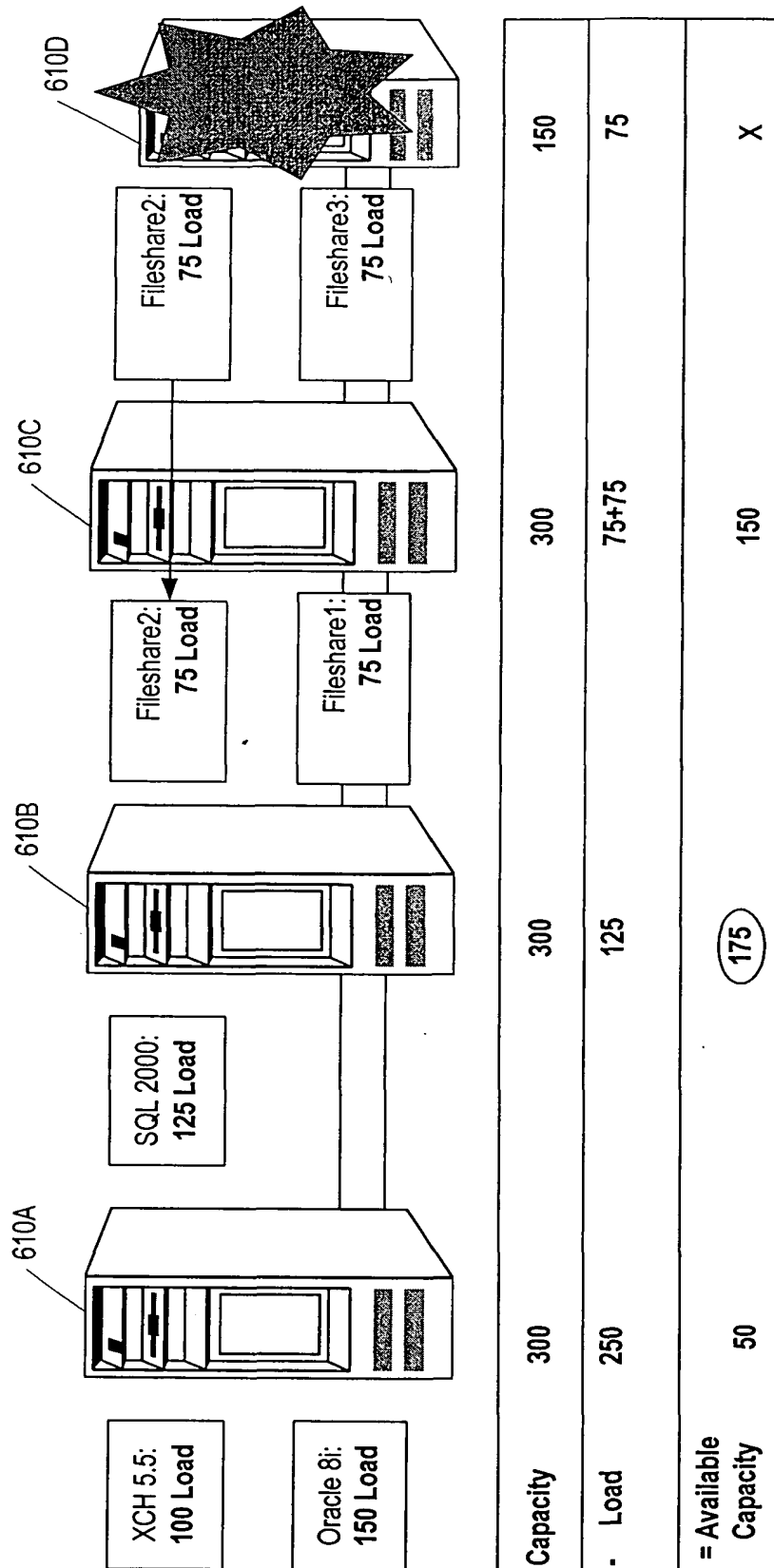


FIG. 7

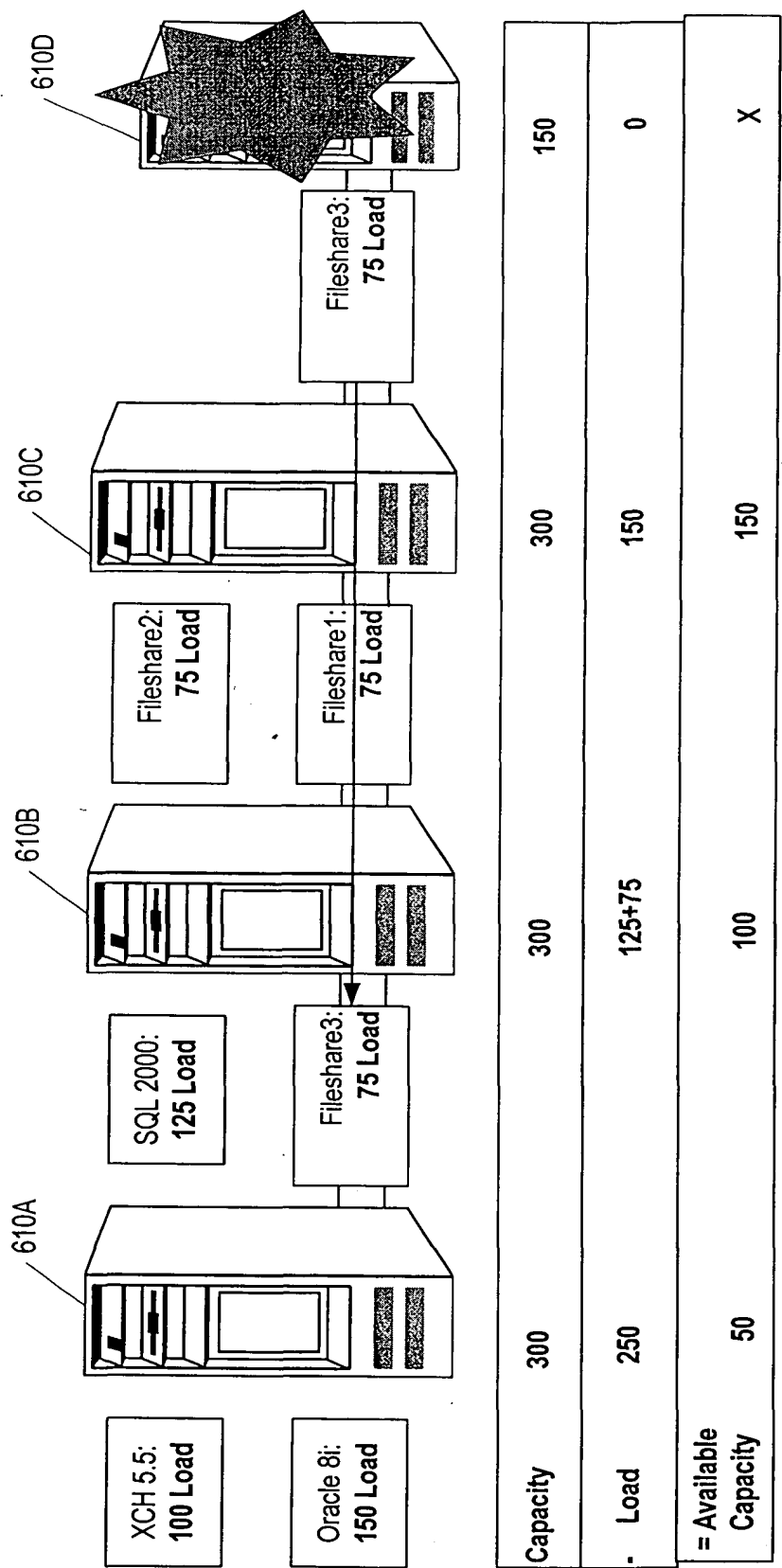
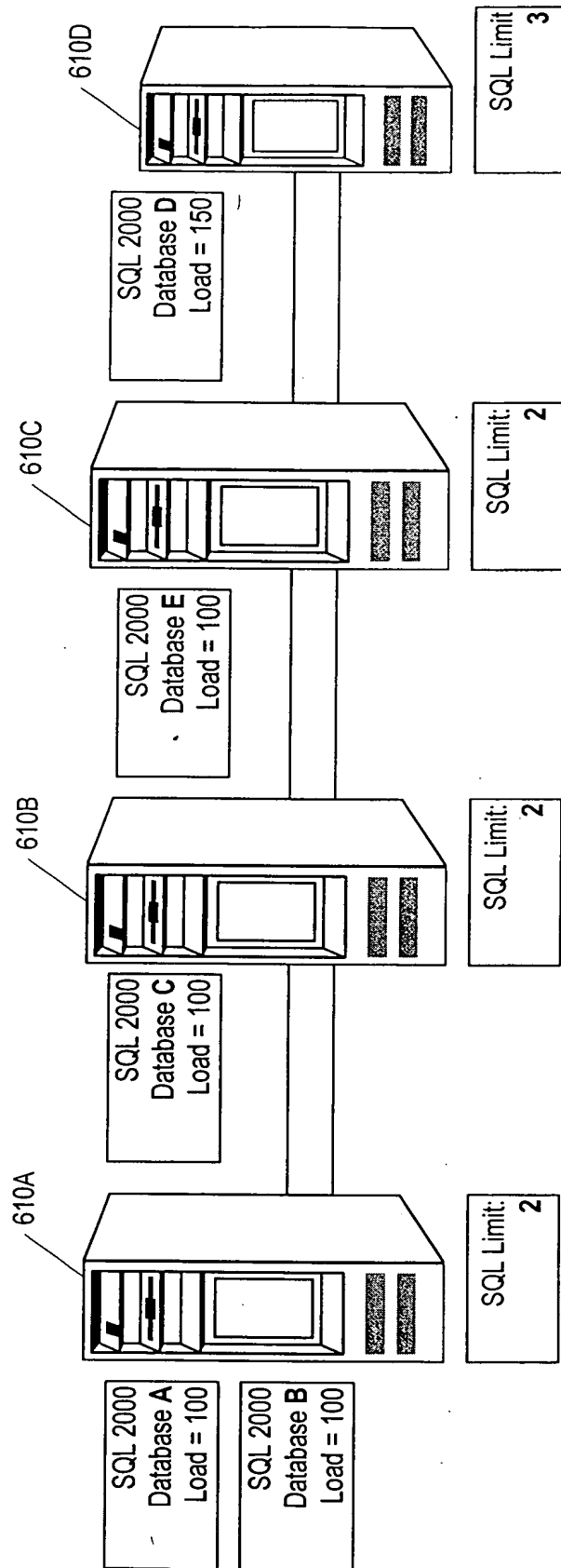


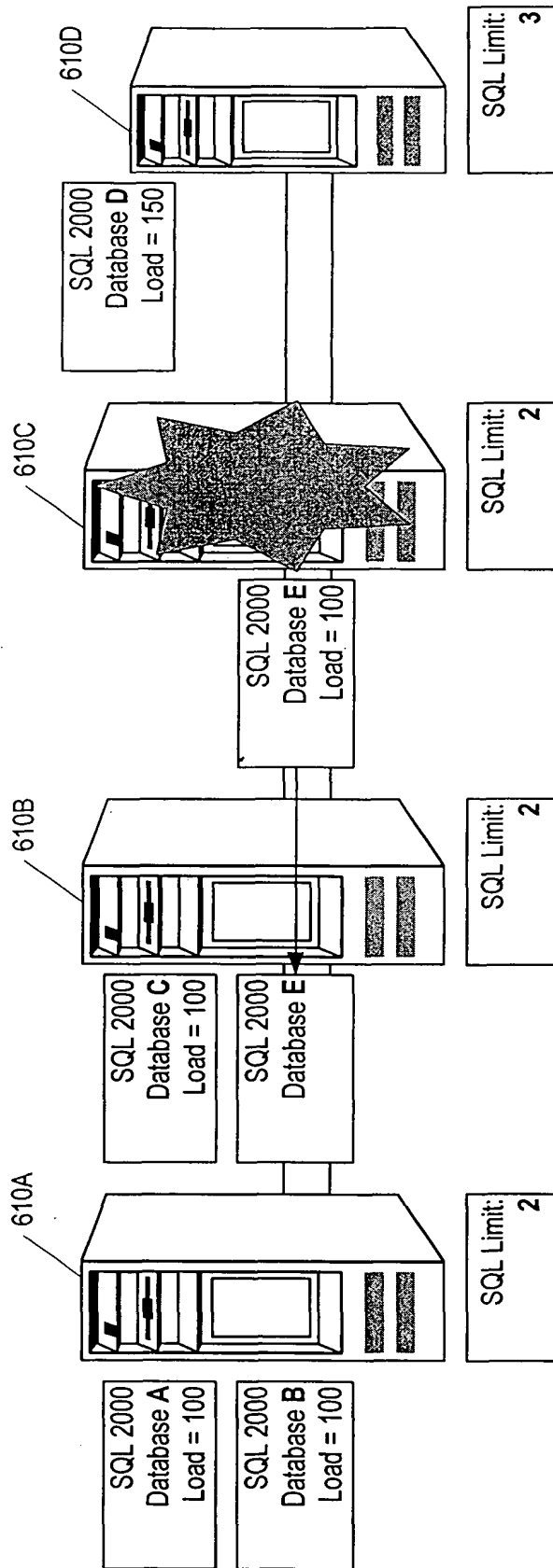
FIG. 8





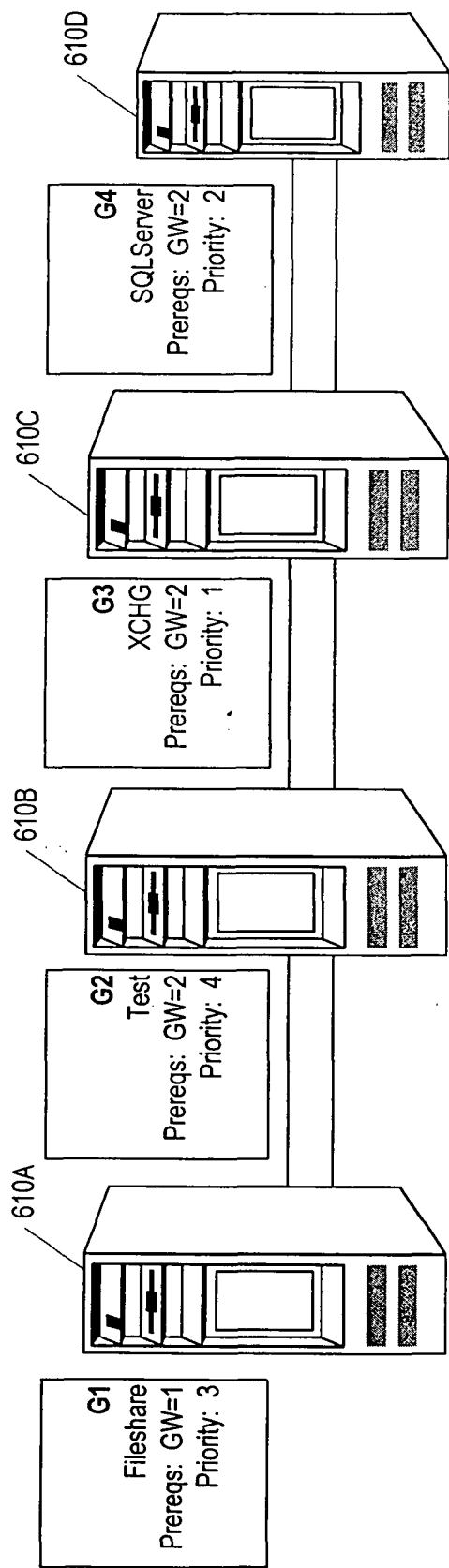
Capacity	300	300	300
Load	200	100	150
= Available Capacity	100	200	150

FIG. 9



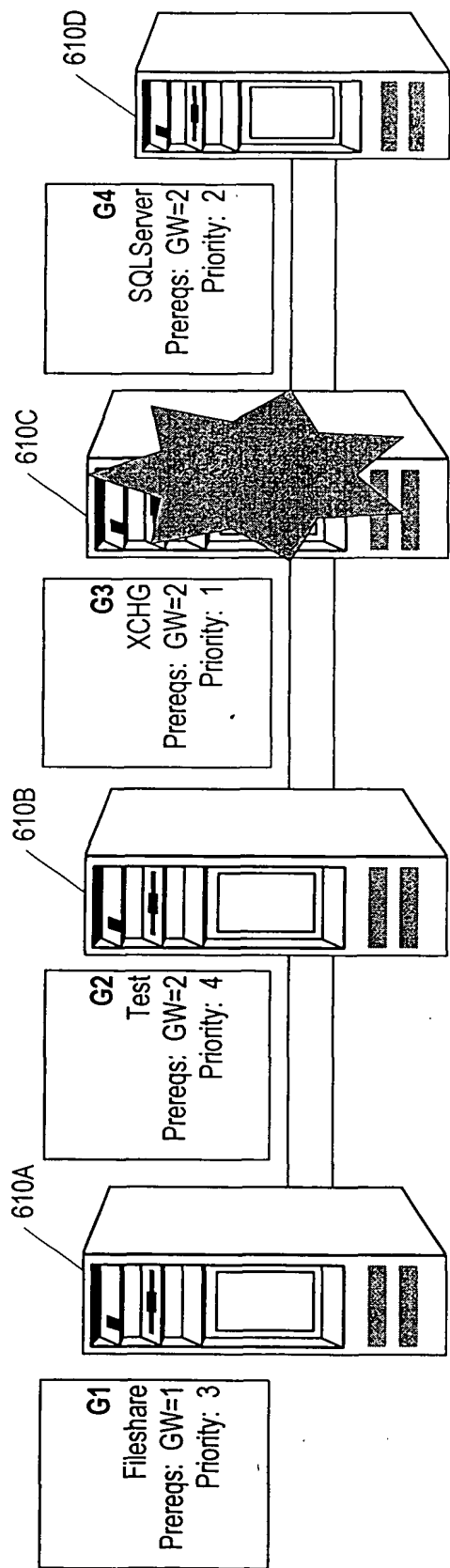
Capacity	300	300	300	300
Load	200	100-->100+100	0	150
= Available Capacity	100	200 --> 100	X	150

FIG. 10



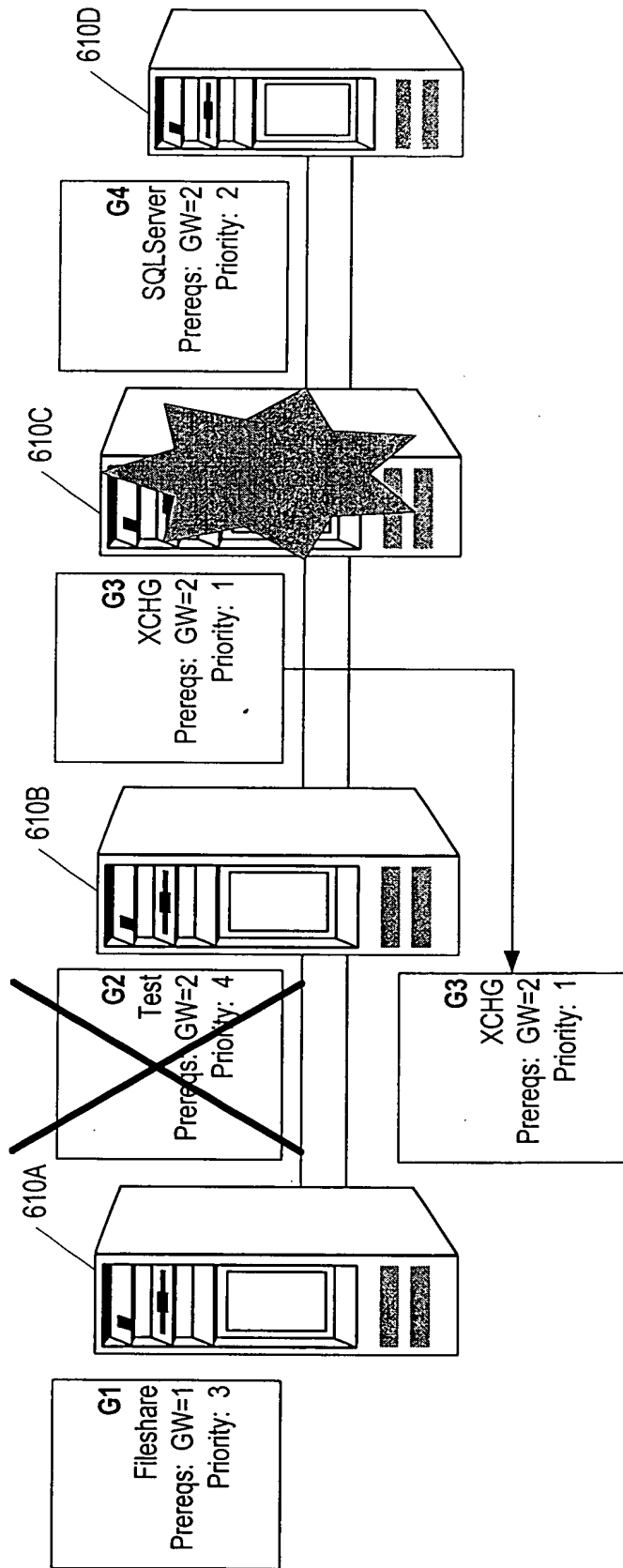
Limits	GW=2	GW=3	GW=2	GW=3
Current Limits	GW=1	GW=1	GW=0	GW=1

FIG. 11



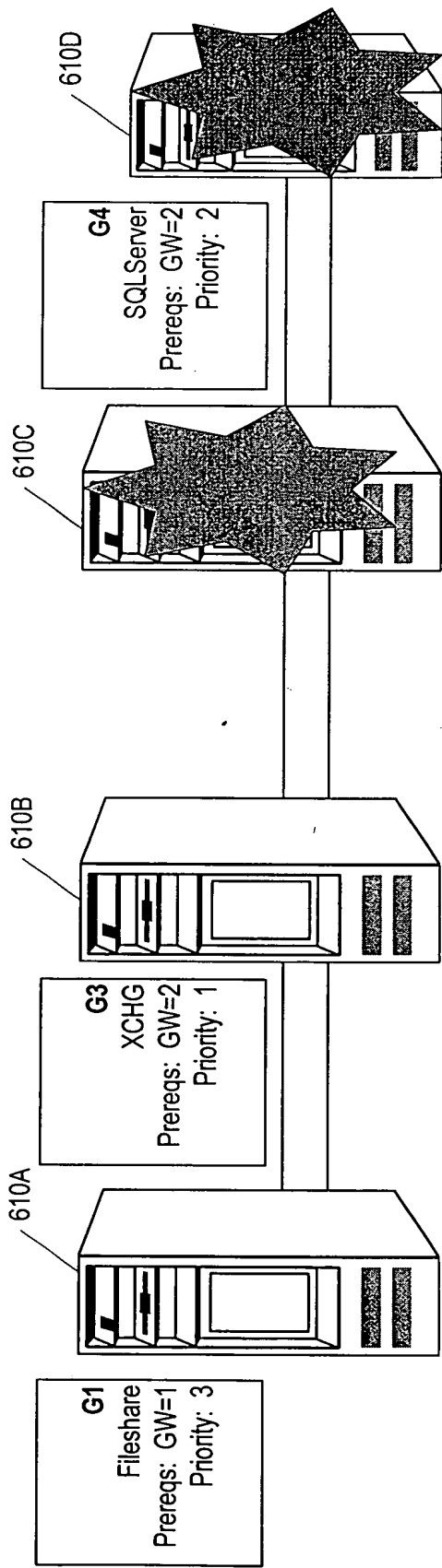
Limits	GW=2	GW=3	GW=2	GW=3
Current Limits	GW=1	GW=1	X	GW=1

FIG. 12



Limits	GW=2	GW=3	GW=2	GW=3
Current Limits	GW=1	GW=1	X	GW=1

FIG. 13



Limits	GW=2	GW=3	GW=2	GW=3
Current Limits	GW=1	GW=1	X	X

FIG. 14

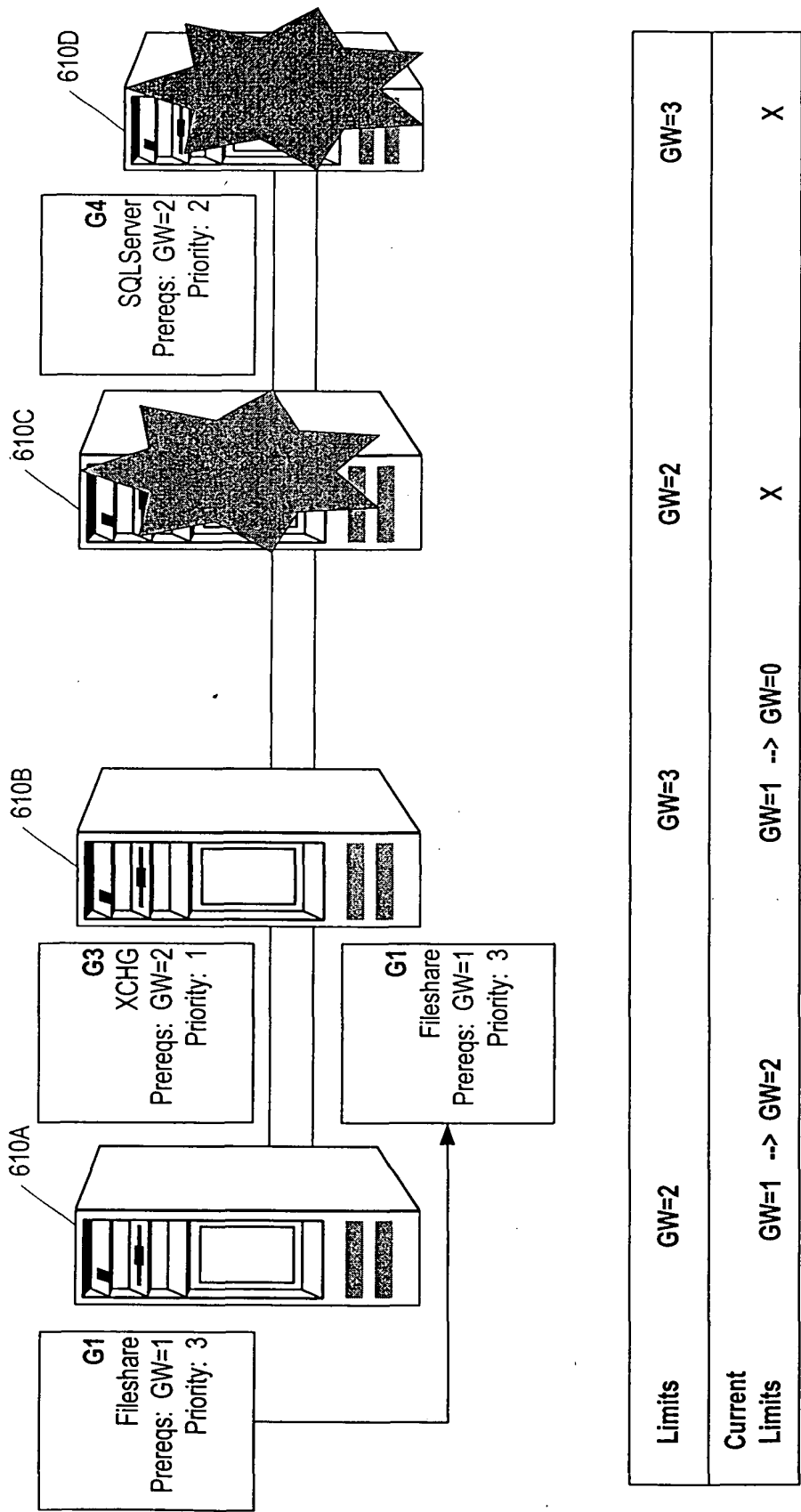
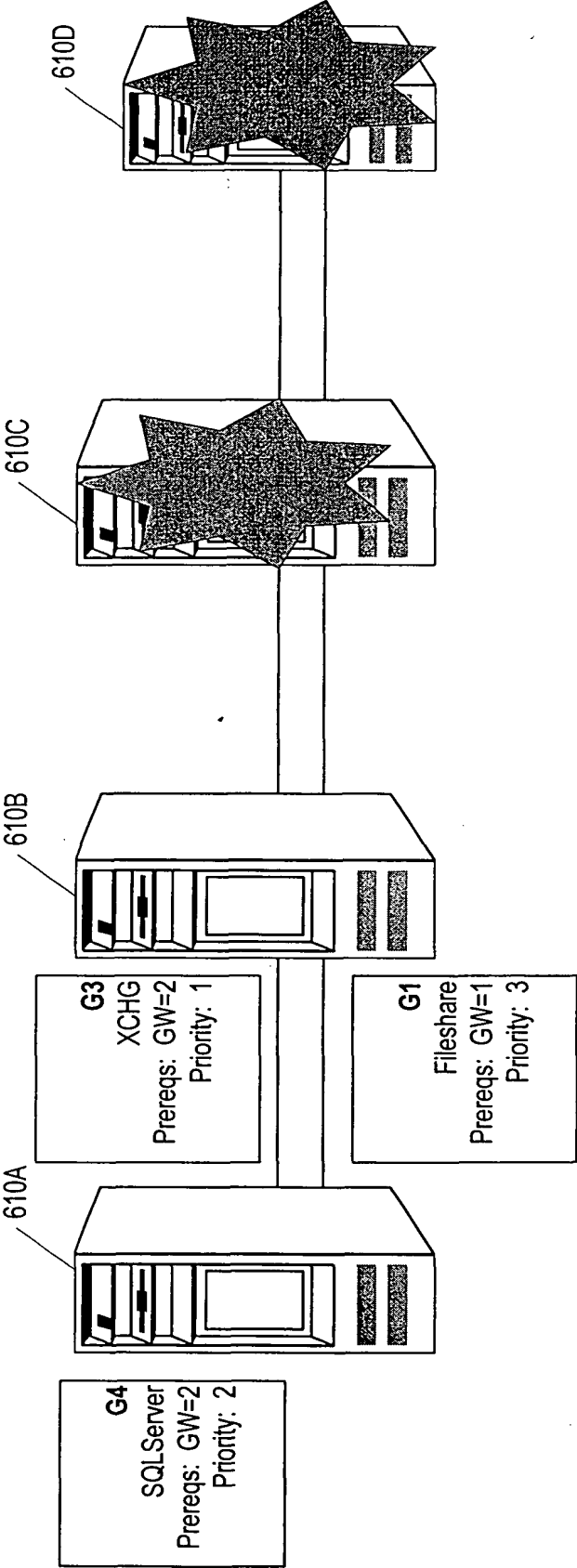


FIG. 15



Limits	GW=2	GW=3	GW=2	GW=3
Current Limits	GW=0	GW=0	X	X

FIG. 16



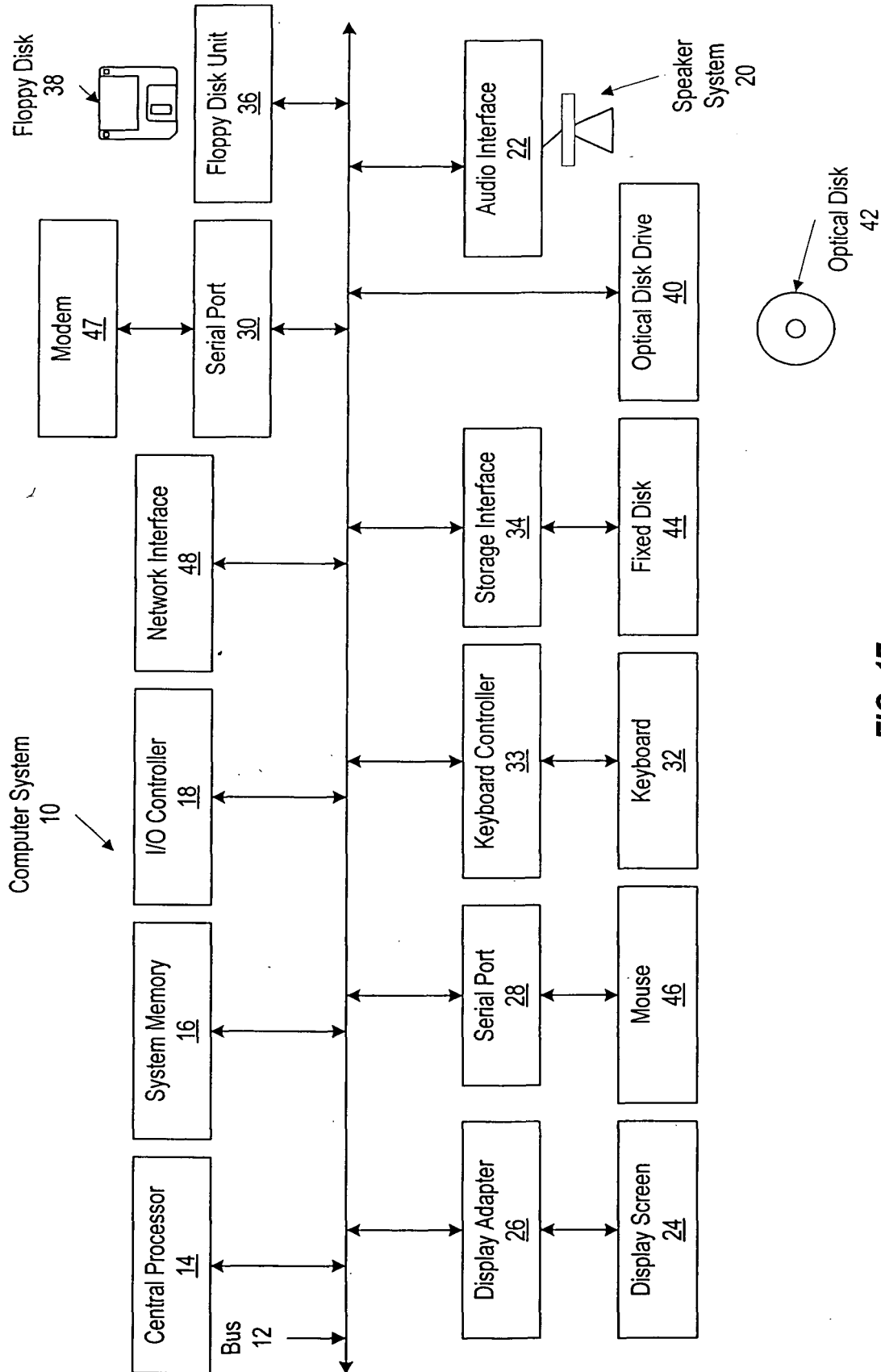


FIG. 17